BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE ADDITIONAL WORK, FURNITURE ETC IN WARD NO.05, BYATARAYANAPURA

Modified Estimate

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
1	Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications and directions of Engineer incharge of work.								
Column upto First Floor									
C1	Sqm	1	2.10		3.45	7.25			
C2,C3,C3',C",C3"',C4,C4'	Sqm	19	1.80		3.45	117.99			
C6	Sqm	4	1.60		3.6	23.04			
Head Room									
C6	Sqm	4	1.6		3	19.20			
Column	Sqm	4	1.80		3	21.60			
					Total Executed Quantity		**189.08**		
					Tender Quantity		**162.50**		
					Quantity upto 125%		**189.08**	**517.01**	**97753.67**
2	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.complete as per specifications and directions of Engineer incharge of work.								
Second Floor Roof Slab									
	Sqm	1	24.20	17.00		411.4			
Deduction									
staircase and Lift	Sqm	-1	5.5	4.6		-25.3			
					Total Executed Quantity		**386.10**	**453.51**	**175100.21**
					Tender Quantity		**448.69**		
3	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications and directions of Engineer incharge of work.								
Second Floor Roof Slab									
	Sqm	1	82.4		0.15	12.36			
near Staircase	Sqm	2	4.9		0.150	1.47			
					Total Executed Quantity		**13.83**	**856.01**	**11838.62**
					Tender Quantity		**15.78**		
4	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications and directions of Engineer incharge of work.								
Second Floor Roof Beam									
B1(300X600)	Sqm	2	22.1		0.45	19.89			
B2(300X600)	Sqm	2	12.30		0.45	11.07			
B3(300X600)	Sqm	2	6.40		0.45	5.76			
B4(450X600)	Sqm	6	9.35		0.45	25.25			
B5(300X600)	Sqm	2	21.20		0.45	19.08			
B6(300X600)	Sqm	2	4.60		0.45	4.14			
B6(300X600)	Sqm	2	3.90		0.45	3.51			
B6(300X600)	Sqm	2	3.60		0.45	3.24			
B6(300X600)	Sqm	2	3.50		0.45	3.15			
B6(300X600)	Sqm	2	3.30		0.45	2.97			
B7(300X600)	Sqm	2	14.9		0.45	13.41			
B8(300X600)	Sqm	2	14.60		0.45	13.14			
B9(300X750)	Sqm	2	15.5		0.6	18.60			
B10(300X750)	Sqm	2	15.95		0.6	19.14			

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE ADDITIONAL WORK, FURNITURE ETC IN WARD NO.05, BYATARAYANAPURA

Modified Estimate

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Lift Beam B11(200X450)	Sqm	4	2.1		0.45	3.78		
		Sqm	4	1.50		0.45	2.70		
	Head Room								
	Lift Beam (200X450)	Sqm	4	2.1		0.45	3.78		
		Sqm	4	1.50		0.45	2.70		
	Cut Lintel								
	D1	Sqm	2	2.1		0.2	0.60		
	D2	Sqm	2	1.2		0.2	2.40		
	D3	Sqm	10	1.05		0.2	2.10		
	Through Lintels for outer walls								
	Longer direction	Sqm	4	24.2		0.2	19.36		
	Shorter direction	Sqm	4	17		0.2	13.60		
	Cut Lintel								
	D2	Sqm	2	1.20		0.20	0.05		
						Total Executed Quantity	**213.41**		
						Tender Quantity	**158.84**		
						Quantity upto 125%	**198.55**	**331.06**	**65731.96**
						Quantity above 125%	**14.86**	**331.06**	**4920.62**
5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	1st flight								
	Waist slab								
	Bottom	Sqm	1	1.5	2.8		4.20		
	Side	Sqm	2	2.8		0.175	0.98		
	Riser	Sqm	9	1.5		0.15	2.03		
	Landing	Sqm							
	Bottom	Sqm	1	1.5	1.85		2.78		
	Side	Sqm	1	3.35		0.175	0.59		
	2nd flight								
	Waist slab								
	Bottom	Sqm	1	1.5	2.1		3.15		
	Side	Sqm	2	2.1		0.175	0.74		
	Riser	Sqm	7	1.5		0.15	1.58		
	Landing								
	Bottom	Sqm	1	1.5	1.85		2.78		
	Side	Sqm	2	1.85		0.175	0.65		
	3rd flight								
	Waist slab								
	Bottom	Sqm	1	1.5	2.8		4.20		
	Side	Sqm	2	2.8		0.175	0.98		
	Riser	Sqm	8	1.5		0.15	1.80		
	Landing								
	Bottom	Sqm	1	1.5	1.3		1.95		
	Side	Sqm	2	1.3		0.175	0.46		
						Total Executed Quantity	**28.83**		
						Tender Quantity	**12.19**		
						Quantity upto 125%	**15.24**	**589.57**	**8983.57**
						Quantity above 125%	**13.60**	**589.57**	**8015.91**

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE ADDITIONAL WORK, FURNITURE ETC IN WARD NO.05, BYATARAYANAPURA

Modified Estimate

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
6	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	W(bottom)	Sqm	15	1.8	0.6		16.20		
	W(sides)	Sqm	15	3		0.1	4.50		
	Head Room								
	W(bottom)	Sqm	1	1.2	0.6		0.72		
	W(sides)	Sqm	1	2.4		0.1	0.24		
						Total Executed Quantity	**21.66**	**366.21**	**7932.11**
						Tender Quantity	**27.18**		
7	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated for all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing,complete as per specifications and directions of Engineer incharge of work.								
	Column upto First Floor Roof Slab Bottom								
	C1	Cum	1	0.45	0.60	3.45	0.93		
	C2,C3,C3',C'',C3''',C4,C4' and C5	Cum	19	0.30	0.60	3.45	11.80		
	C6	Cum	4	0.20	0.60	3.60	1.73		
	Staircase								
	1st flight	Cum							
	Waist slab	Cum	1	1.50	2.80	0.18	0.74		
	Tread and riser	Cum	9			0.02	0.20		
				triangular area 0.5*0.3*0.15=0.022					
	Landing	Cum	1	1.50	1.85	0.18	0.50		
	2nd flight	Cum							
	Waist slab	Cum	1	1.50	2.10	0.18	0.55		
	Tread and riser	Cum	7			0.02	0.15		
				triangular area 0.5*0.3*0.15=0.022					
	Landing	Cum	1	1.50	1.85	0.18	0.50		
	3rd flight	Cum							
	Waist slab	Cum	1	1.50	2.80	0.18	0.74		
	Tread and riser	Cum	8			0.02	0.18		
				triangular area 0.5*0.3*0.15=0.022					
	Landing	Cum	1	1.50	1.30	0.18	0.35		

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE ADDITIONAL WORK, FURNITURE ETC IN WARD NO.05, BYATARAYANAPURA

Modified Estimate

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Through Lintels for outer walls								
	Longer direction	Cum	2	24.20	0.20	0.20	1.94		
	Shorter direction	Cum	2	17.00	0.20	0.20	1.36		
	Cut Lintel								
	D1	Cum	1	2.10	0.20	0.20	0.08		
	D2	Cum	1	1.20	0.20	0.20	0.05		
	D3	Cum	5	1.05	0.20	0.20	0.21		
						Total Executed Quantity	**22.00**		
						Tender Quantity	**19.01**		**153745.45**
						Quantity Upto 125%	**22.00**	**6989.78**	
8	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated for all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing,complete as per specifications and directions of Engineer incharge of work. **Head room**									
	Head Room								
	C6	Cum	4	0.20	0.60	3.00	1.44		
	Column	Cum	4	0.60	0.30	3.00	2.16		
	Cut Lintel								
	D2	Cum	1	1.20	0.20	0.20	0.05		
						Total Executed Quantity	**3.65**	**7057.81**	**25746.89**
						Tender Quantity	**3.72**		
9	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25.complete as per specifications and directions of Engineer incharge of work.								
	Second Floor Roof Slab								
		Cum	1	24.20	17.00	0.15	61.71		
	Deduction								
	staircase and Lift	Cum	1	5.50	4.60	-0.15	-3.80		
	Second Floor Roof Beam								
	B1(300X600)	Cum	1	22.10	0.30	0.45	2.98		
	B2(300X600)	Cum	1	12.30	0.30	0.45	1.66		
	B3(300X600)	Cum	1	6.40	0.30	0.45	0.86		
	B4(450X600)	Cum	3	9.35	0.45	0.45	5.68		
	B5(300X600)	Cum	1	21.20	0.30	0.45	2.86		
	B6(300X600)	Cum	1	4.60	0.30	0.45	0.62		
	B6(300X600)	Cum	1	3.90	0.30	0.45	0.53		
	B6(300X600)	Cum	1	3.60	0.30	0.45	0.49		
	B6(300X600)	Cum	1	3.50	0.30	0.45	0.47		
	B6(300X600)	Cum	1	3.30	0.30	0.45	0.45		
	B7(300X600)	Cum	1	14.90	0.30	0.45	2.01		
	B8(300X600)	Cum	1	14.60	0.30	0.45	1.97		
	B9(300X750)	Cum	1	15.50	0.30	0.60	2.79		
	B10(300X750)	Cum	1	15.95	0.30	0.60	2.87		
	Lift Beam B11(200X450)	Cum	2	2.10	0.20	0.45	0.38		
		Cum	2	1.50	0.20	0.45	0.27		

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NAME OF WORK:- CONSTRUCTION OF WARD OFFICE ADDITIONAL WORK, FURNITURE ETC IN WARD NO.05, BYATARAYANAPURA

Modified Estimate

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Head Room								
	Lift Beam B11(200X450)								
		Cum	2	2.10	0.20	0.45	0.38		
		Cum	2	1.50	0.20	0.45	0.27		
						Total Executed Quantity	**85.46**	**6232.41**	**532597.61**
						Tender Quantity	**88.56**		
10	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	W								
		Sqm	15	1.80	0.60		16.20		
						Total Executed Quantity	**16.20**	**573.69**	**9293.78**
						Tender Quantity	**20.52**		
11	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications and directions of Engineer incharge of work. **(Head room)**								
	Head Room								
	W								
		Sqm	1	1.20	0.60		0.72		
						Total Executed Quantity	**0.72**	**579.36**	**417.14**
						Tender Quantity	**0.72**		
12	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of Engineer in charge of work.								
	Columns	Tonne	From Steel Calculation				2.85		
	Roof Beam	Tonne	From Steel Calculation				8.86		
	Roof slab	Tonne	From Steel Calculation				6.79		
	Staircase	Tonne	From Steel Calculation				0.88		
	Lintels	Tonne	From Steel Calculation				0.58		
	chajja	Tonne	From Steel Calculation				0.18		
						Total Executed Quantity	**20.15**		
						Tender Quantity	**14.69**		
						Quantity Upto 125%	**18.36**	**74723.17**	**1371786.64**
						Quantity above 125%	**1.79**	**100808.14**	**180501.20**
13	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of Engineer in charge of work.(Head Room)								
	Columns	Tonne	From Steel Calculation				0.61		
	Roof Beam	Tonne	From Steel Calculation				0.12		
	Lintels	Tonne	From Steel Calculation				0.01		
	chajja	Tonne	From Steel Calculation				0.06		
						Total Executed Quantity	**0.81**	**75571.24**	**61318.12**
						Tender Quantity	**1.60**		

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Modified Estimate

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
14	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc.,complete as per specifications and directions of Engineer in charge of work.								
Second floor									
Outer walls									
long	Sqm	2	24.20		3.15	152.46			
short	Sqm	2	16.78		3.15	105.71			
	Sqm	1	9.75		3.15	30.71			
Lift walls	Sqm	1	5.10		1.32	6.73			
Deduction									
D	Sqm	-1	1.80		2.10	-3.78			
W	Sqm	-15	1.50		1.50	-33.75			
V	Sqm	-4	0.75		0.60	-1.80			
near Staircase opening	Sqm	-1	4.5		1.5	-6.75			
near Staircase opening	Sqm	-1	5.5		1.5	-8.25			
CC Camera Room									
	Sqm	2	1.81		3.45	12.49			
	Sqm	1	3.47		3.45	11.97			
Deduction									
Door	Sqm	-1	0.90		2.30	-2.07			
Window	Sqm	-1	1.20		1.20	-1.44			
						Total Executed Quantity	**262.24**		
						Tender Quantity	**244.20**		
						Quantity Upto 125%	**262.24**	**1113.38**	**291971.66**
15	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and directions of Engineer incharge of work. Head Room								
Outer walls	Sqm	2	5.50		2.80	30.80			
	Sqm	2	5.30		2.80	29.68			
Lift walls	Sqm	1	1.50		2.52	3.78			
Deduction									
D1	Sqm	-1	0.90		2.10	-1.89			
W	Sqm	-1	1.50		1.50	-2.25			
						Total Executed Quantity	**60.12**	**1153.06**	**69321.97**
						Tender Quantity	**61.26**		
16	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc.,complete as per specifications and directions of Engineer incharge of work.								
Second Floor									
Gents toilet	Sqm	2	2.77		3.15	17.45			
	Sqm	1	1.10		3.15	3.47			
Ladies toilet	Sqm	1	2.40		3.15	7.56			
	Sqm	1	1.10		3.15	3.47			

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Modified Estimate

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Pantry								
		Sqm	2	5.20		3.15	32.76		
		Sqm	1	2.86		3.15	9.01		
	Wall for entry to hall	Sqm	1	6.50		3.15	20.48		
	Deductions								
	D2	Sqm	-1	0.90		2.10	-1.89		
	D3	Sqm	-5	0.75		2.10	-7.88		
						Total Executed Quantity	**84.42**	**998.86**	**84323.76**
						Tender Quantity	**87.16**		
17	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc.,complete as per specifications and directions of Engineer incharge of work. Head Room								
	Head Room								
	Parapet walls								
	Long	Sqm	2	24.20		1.10	53.24		
	Short	Sqm	2	16.78		1.10	36.92		
	near Staircase opening	Sqm	-1	4.5		1.5	-6.75		
	near Staircase opening	Sqm	-1	5.5		1.5	-8.25		
						Total Executed Quantity	**75.16**		
						Tender Quantity	**69.21**		
						Quantity Upto 125%	**75.16**	**1038.55**	**78053.26**
18	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge of work.								
	Second floor								
	Outer walls								
	long	Sqm	2	24.20		3.60	174.24		
	short	Sqm	2	16.78		3.60	120.82		
		Sqm	1	9.75		3.60	35.10		
	Lift walls	Sqm	1	5.10		1.32	6.73		
	Deduction								
	D	Sqm	-1	1.80		2.10	-3.78		
	W	Sqm	-15	1.50		1.50	-33.75		
	V	Sqm	-4	0.75		0.60	-1.80		
	SSM above Ground Level								
		Sqm	2	2.63		0.35	1.84		
		Sqm	2	14		0.6	16.80		
		Sqm	2	8.815		0.6	10.58		
	Above Ground Level								
		Sqm	2	19.135		0.6	22.96		
		Sqm	2	6.7		0.5	6.70		
		Sqm	2	2.4		0.45	2.16		
	Top Surface								
		Sqm	1	2.63	0.5		1.32		
		Sqm	1	14	0.5		7.00		
		Sqm	1	8.815	0.48		4.23		

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Modified Estimate

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	CC Camera Room								
		Sqm	2	2.11		3.45	14.56		
		Sqm	1	4.77		3.45	16.46		
	Deduction								
	Door	Sqm	-1	0.9		2.3	-2.07		
	Window	Sqm	-1	1.2		1.2	-1.44		
	Compound Wall	Sqm	1	11.9		2.27	27.01		
	Top Surface								
		Sqm	1	19.135	0.48		9.18		
		Sqm	1	6.7	0.5		3.35		
		Sqm	1	2.4	0.5		1.20		
						Total Executed Quantity	**439.40**		
						Tender Quantity	**278.31**		
						Quantity Upto 125%	**347.89**	**323.13**	**112412.89**
						Quantity above 125%	**91.51**	**295.92**	**27079.72**
19	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer incharge of work. Head Room								
	Head Room								
	Outer walls	Sqm	2	5.50		2.80	30.80		
		Sqm	2	5.30		2.80	29.68		
	Parapet walls								
	Long	Sqm	4	24.20		1.10	106.48		
	Short	Sqm	4	17.00		1.10	74.80		
	Deduction								
	D1	Sqm	-1	1.20		2.10	-2.52		
	W	Sqm	-1	1.50		1.50	-2.25		
	near Staircase opening	Sqm	-1	4.5		1.5	-6.75		
	near Staircase opening	Sqm	-1	5.5		1.5	-8.25		
						Total Executed Quantity	**221.99**		
						Tender Quantity	**199.68**		
						Quantity Upto 125%	**221.99**	**336.73**	**74750.69**
20	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	Hall	Sqm	2	16.78		3.45	115.78		
		Sqm	1	17.15		3.45	59.17		
		Sqm	1	18.80		3.45	64.86		
	Pantry	Sqm	2	5.20		3.45	35.88		
		Sqm	2	2.86		3.45	19.73		
		Sqm	1	2.77		3.45	9.56		
	Entrance Area	Sqm	1	9.68		3.45	33.40		
		Sqm	2	6.50		3.45	44.85		
	Toilet Passage	Sqm	2	5.20		3.45	35.88		
	Ladies Toilet	Sqm	8	1.20		1.50	14.40		
		Sqm	2	1.44		1.50	4.32		
		Sqm	1	2.40		1.50	3.60		
	Gents Toilet	Sqm	4	1.20		1.50	7.20		

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE ADDITIONAL WORK, FURNITURE ETC IN WARD NO.05, BYATARAYANAPURA

Modified Estimate

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
		Sqm	2	1.80		1.50	5.40		
		Sqm	1	0.97		1.50	1.46		
	Column	Sqm	19	0.90		3.15	53.87		
		Sqm	2	1.05		3.15	6.62		
	Deduction								
	D	Sqm	-1	1.80		2.10	-3.78		
	W	Sqm	-15	1.50		1.50	-33.75		
	V	Sqm	-4	0.75		0.60	-1.80		
	D2	Sqm	-1	0.90		2.10	-1.89		
	D3	Sqm	-4	0.75		2.10	-6.30		
	CC Camera Room								
		Sqm	2	1.81		3.45	12.49		
		Sqm	1	3.47		3.45	11.97		
	Deduction								
	Door	Sqm	-1	0.9		2.3	-2.07		
	Window	Sqm	-1	1.2		1.2	-1.44		
						Total Executed Quantity	**489.39**	**244.90**	**119851.98**
						Tender Quantity	**501.87**		
21	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer incharge of work. Head room								
	Head room								
	Room	Sqm	2	5.50		2.85	31.35		
		Sqm	2	5.30		2.85	30.21		
	Deduction								
	D2	Sqm	-1	0.90		2.10	-1.89		
	W	Sqm	-1	1.50		1.50	-2.25		
						Total Executed Quantity	**57.42**	**251.70**	**14452.61**
						Tender Quantity	**59.70**		
22	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	Ladies Toilet	Sqm	8	1.2		2.10	20.16		
		Sqm	2	1.44		2.10	6.05		
		Sqm	1	2.4		2.10	5.04		
	Gents Toilet	Sqm	4	1.2		2.10	10.08		
		Sqm	2	1.8		2.10	7.56		
		Sqm	1	0.97		2.10	2.04		
	Deduction								
	D3	Sqm	-5	0.75		2.10	-7.88		
	V	Sqm	-4	0.75		0.60	-1.80		
						Total Executed Quantity	**41.25**	**246.03**	**10148.74**
						Tender Quantity	**68.12**		
23	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	Hall	Sqm	1	16.78	17.15		287.78		

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE ADDITIONAL WORK, FURNITURE ETC IN WARD NO.05, BYATARAYANAPURA

Modified Estimate

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
		Sqm	1	7.05	1.70		11.99		
	Pantry	Sqm	1	5.10	2.86		14.59		
	Entrance Lobby	Sqm	1	6.50	5.60		36.40		
	Toilet Corridor	Sqm	1	5.20	1.20		6.24		
	Gents Toilet	Sqm	1	2.77	2.40		6.65		
	Ladies Toilet	Sqm	1	2.77	2.40		6.65		
	W	Sqm	15	1.80	0.60		16.20		
	CC Camera Room	Sqm	1	1.81	3.47		6.28		
						Total Executed Quantity	**392.76**		
						Tender Quantity	**384.12**		
						Quantity Upto 125%	**392.76**	**268.71**	**105539.80**
24	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer incharge of work. Head Room								
	Head Room								
	Room	Sqm	1	5.50	5.30		29.15		
	W	Sqm	1	1.80	0.60		1.08		
						Total Executed Quantity	**30.23**	**275.51**	**8328.67**
						Tender Quantity	**31.82**		
25	providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	Hall	Sqm	2	16.78		3.45	115.78		
		Sqm	1	18.80		3.45	64.86		
	Pantry	Sqm	2	5.20		3.45	35.88		
		Sqm	2	2.86		3.45	19.73		
	Entrance Area	Sqm	1	9.68		3.45	33.40		
		Sqm	2	6.50		3.45	44.85		
	Toilet Passage	Sqm	2	5.20		3.45	35.88		
	Ladies Toilet	Sqm	8	1.20		1.50	14.40		
		Sqm	2	1.44		1.50	4.32		
		Sqm	1	2.40		1.50	3.60		
	Gents Toilet	Sqm	4	1.20		1.50	7.20		
		Sqm	2	1.80		1.50	5.40		
		Sqm	1	0.97		1.50	1.46		
	Column	Sqm	19	0.90		3.15	53.87		
		Sqm	2	1.05		3.15	6.62		
	Deduction	Sqm	-1	1.80		2.10	-3.78		
	D	Sqm	-15	1.50		1.50	-33.75		
	W	Sqm	-4	0.75		0.60	-1.80		
	V	Sqm	-1	0.90		2.10	-1.89		
	D2	Sqm	-4	0.75		2.10	-6.30		
	D3								
	Head room	Sqm	2	5.50		2.85	31.35		
	Room	Sqm	2	5.30		2.85	30.21		

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE ADDITIONAL WORK, FURNITURE ETC IN WARD NO.05, BYATARAYANAPURA

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Modified Estimate								
	Deduction								
	D2								
	W	Sqm	-1	0.90		2.10	-1.89		
		Sqm	-1	1.50		1.50	-2.25		
	Ceiling								
	Second Floor								
	Hall								
		Sqm	1	16.78	17.15		287.78		
	Pantry	Sqm	1	7.05	1.70		11.99		
	Entrance Lobby	Sqm	1	5.10	2.86		14.59		
	Toilet Corridor	Sqm	1	6.50	5.60		36.40		
	Gents Toilet	Sqm	1	5.20	1.20		6.24		
	Ladies Toilet	Sqm	1	2.77	2.40		6.65		
	W	Sqm	1	2.77	2.40		6.65		
	Head Room	Sqm	15	1.80	0.60		16.20		
	Room								
	W	Sqm	1.00	5.50	5.30		29.15		
	CC Camera Room	Sqm	1.00	1.80	0.60		1.08		
		Sqm	2	1.81		3.45	12.49		
		Sqm	1	3.47		3.45	11.97		
	Celing	Sqm	1	1.81	3.47		6.28		
	Deduction								
	Door	Sqm	-1	0.9		2.3	-2.07		
	Window	Sqm	-1	1.2		1.2	-1.44		
						Total Executed Quantity	**901.08**	**88.44**	**79691.71**
						Tender Quantity	**977.49**		
26	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	Hall	Sqm	2	16.78		3.45	115.78		
		Sqm	1	18.80		3.45	64.86		
	Pantry	Sqm	2	5.20		3.45	35.88		
		Sqm	2	2.86		3.45	19.73		
	Entrance Area	Sqm	1	9.68		3.45	33.40		
		Sqm	2	6.50		3.45	44.85		
	Toilet Passage	Sqm	2	5.20		3.45	35.88		
	Ladies Toilet	Sqm	8	1.20		1.50	14.40		
		Sqm	2	1.44		1.50	4.32		
		Sqm	1	2.40		1.50	3.60		
	Gents Toilet	Sqm	4	1.20		1.50	7.20		
		Sqm	2	1.80		1.50	5.40		
		Sqm	1	0.97		1.50	1.46		
	Column	Sqm	19	0.90		3.15	53.87		
		Sqm	2	1.05		3.15	6.62		
							0.00		
	Deduction						0.00		
	D	Sqm	-1	1.80		2.10	-3.78		
	W	Sqm	-15	1.50		1.50	-33.75		
	V	Sqm	-4	0.75		0.60	-1.80		
	D2	Sqm	-1	0.90		2.10	-1.89		

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE ADDITIONAL WORK, FURNITURE ETC IN WARD NO.05, BYATARAYANAPURA

Modified Estimate

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	D3	Sqm	-4	0.75		2.10	-6.30		
							0.00		
	Head room						0.00		
	Room	Sqm	2	5.50		2.85	31.35		
		Sqm	2	5.30		2.85	30.21		
	Deduction						0.00		
	D2	Sqm	-1	0.90		2.10	-1.89		
	W	Sqm	-1	1.50		1.50	-2.25		
	CC Camera Room								
		Sqm	2	1.81		3.45	12.49		
		Sqm	1	3.47		3.45	11.97		
	Deduction								
	Door	Sqm	-1	0.9		2.3	-2.07		
	Window	Sqm	-1	1.2		1.2	-1.44		
						Total Executed Quantity	**478.09**	**102.04**	**48784.05**
						Tender Quantity	**561.57**		
27	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications page no117 item no 15.49.1 . KSRB 15-14.1 : Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roofcomplete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
							287.78		
	Hall	Sqm	1	16.78	17.15		11.99		
		Sqm	1	7.05	1.70		14.59		
	Pantry	Sqm	1	5.10	2.86		36.40		
	Entrance Lobby	Sqm	1	6.50	5.60		6.24		
	Toilet Corridor	Sqm	1	5.20	1.20		6.65		
	Gents Toilet	Sqm	1	2.77	2.40		6.65		
	Ladies Toilet	Sqm	1	2.77	2.40		16.20		
	W	Sqm	15	1.80	0.60				
	Head Room						29.15		
	Room	Sqm	1	5.50	5.30		1.08		
	W	Sqm	1	1.80	0.60		6.28		
	CC Camera Room	Sqm	1	1.81	3.47				
						Total Executed Quantity	**422.99**		
						Tender Quantity	**415.92**		
						Quantity Upto 125%	**422.99**	**133.79**	**56592.46**
28	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains,complete as per specifications and directions of Engineer incharge of work.								
	Second floor								
	Outer walls								
	long	Sqm	2	24.2		3.6	174.24		
	short	Sqm	2	16.78		3.6	120.82		
		Sqm	1	9.75		3.6	35.10		
	Lift walls	Sqm	1	5.1		1.32	6.73		
	Deduction								
	D	Sqm	-1	1.8		2.1	-3.78		

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE ADDITIONAL WORK, FURNITURE ETC IN WARD NO.05, BYATARAYANAPURA

Modified Estimate

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	W								
	CC Camera Room	Sqm	-15	1.5		1.5	-33.75		
		Sqm	2	2.11		3.45	14.56		
		Sqm	1	4.77		3.45	16.46		
	Deduction								
	Door	Sqm	-1	0.9		2.3	-2.07		
	Window	Sqm	-1	1.2		1.2	-1.44		
						Total Executed Quantity	**326.86**		
						Tender Quantity	**298.83**		
						Quantity Upto 125%	**326.86**	**403.63**	**131931.91**
29	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains,complete as per specifications and directions of Engineer incharge of work. Terrace Floor								
	Head Room								
	Outer walls	Sqm	2	5.50		2.80	30.80		
		Sqm	2	5.30		2.80	29.68		
	Parapet walls								
	Long	Sqm	4	24.20		1.10	106.48		
	Short	Sqm	4	17.00		1.10	74.80		
	near Staircase opening	Sqm	-1	4.5		1.5	-6.75		
	near Staircase opening	Sqm	-1	5.5		1.5	-8.25		
	Deduction								
	D1	Sqm	-1	1.20		2.10	-2.52		
	W	Sqm	-1	1.50		1.50	-2.25		
						Total Executed Quantity	**221.99**		
						Tender Quantity	**200.40**		
						Quantity Upto 125%	**221.99**	**412.70**	**91615.27**
30	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing,complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	Hall	Sqm	1	17.15	16.78		287.78		
		Sqm	1	7.05	1.68		11.84		
	Pantry	Sqm	1	5.1	2.86		14.59		
	Entrance Lobby	Sqm	1	6.5	5.6		36.40		
	Toilet Corridor	Sqm	1	5.2	1.2		6.24		
	Gents Toilet	Sqm	1	2.77	2.4		6.65		
	Ladies Toilet	Sqm	1	2.77	2.4		6.65		
	CC Camera Room	Sqm	1	1.81	3.47		6.28		
						Total Executed Quantity	**376.42**		
						Tender Quantity	**363.60**		
						Quantity Upto 125%	**376.42**	**719.95**	**271006.24**

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE ADDITIONAL WORK, FURNITURE ETC IN WARD NO.05, BYATARAYANAPURA

Sl. No.	Description of Item	Unit	Modified Estimate No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
31	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing,complete as per specifications and directions of Engineer incharge of work. Head Room								
	Head Room								
	Room	Sqm	1	5.5	5.3		29.15		
						Total Executed Quantity	**29.15**	**722.22**	**21052.71**
						Tender Quantity	**30.74**		
32	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	Hall	Sqm	1	16.78	17.15		287.78		
		Sqm	1	7.05	1.70		11.99		
	Pantry	Sqm	1	5.10	2.86		14.59		
	Entrance Lobby	Sqm	1	6.50	5.60		36.40		
	Toilet Corridor	Sqm	1	5.20	1.20		6.24		
	Gents Toilet	Sqm	1	2.77	2.40		6.65		
	Ladies Toilet	Sqm	1	2.77	2.40		6.65		
	CC Camera Room	Sqm	1	1.81	3.47		6.28		
						Total Executed Quantity	**376.56**		
						Tender Quantity	**363.60**		
						Quantity Upto 125%	**376.56**	**2329.93**	**877369.39**
33	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.complete as per specifications and directions of Engineer incharge of work. Terrace Floor								
	Head Room								
	Room	Sqm	1	5.50	5.30		29.15		
						Total Executed Quantity	**29.15**	**2332.19**	**67983.34**
						Tender Quantity	**30.74**		
34	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	Landing	Sqm	2	1.50	1.85		5.55		
	Tread	Sqm	23	1.50	0.30		10.35		
	rise	Sqm	24	1.50		0.15	5.40		
						Total Executed Quantity	**21.30**		
						Tender Quantity	**14.56**		
						Quantity Upto 125%	**18.20**	**5056.68**	**92031.58**
						Quantity Above 125%	**3.10**	**5056.68**	**15675.70**

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE ADDITIONAL WORK, FURNITURE ETC IN WARD NO.05, BYATARAYANAPURA

Modified Estimate

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
35	Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	Gents Toilet	Sqm	1	2.77	2.40		6.65		
	Ladies Toilet	Sqm	1	2.77	2.40		6.65		
						Total Executed Quantity	**13.30**		
						Tender Quantity	**12.82**		
						Quantity Upto 125%	**13.30**	**1376.41**	**18300.75**
36	Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour,complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	Ladies Toilet	Sqm	8	1.20		2.10	20.16		
		Sqm	2	1.44		2.10	6.05		
		Sqm	1	2.40		2.10	5.04		
	Gents Toilet	Sqm	4	1.20		2.10	10.08		
		Sqm	2	1.80		2.10	7.56		
		Sqm	1	0.97		2.10	2.04		
	Deduction								
	D3	Sqm	-5	0.75		2.10	-7.88		
	V	Sqm	-4	0.75		0.60	-1.80		
						Total Executed Quantity	**41.25**	**1852.60**	**76419.75**
						Tender Quantity	**68.12**		
37	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	Gents Toilet	Sqm	1	2.77	2.4		6.65		
	Ladies Toilet	Sqm	1	2.77	2.4		6.65		
						Total Executed Quantity	**13.30**		
						Tender Quantity	**12.82**		
						Quantity Upto 125%	**13.30**	**596.37**	**7929.34**
38	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour,complete as per specifications and directions of Engineer incharge of work.								
	Second floor								
	D1	Nos	1				1.00		
	D2	Nos	1				1.00		

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE ADDITIONAL WORK, FURNITURE ETC IN WARD NO.05, BYATARAYANAPURA

Modified Estimate

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Head Room								
	D2	Nos	1						
	D	Nos	1				1.00		
						Total Executed Quantity	1.00		
						Tender Quantity	4.00		
						Quantity Upto 125%	3.00		
						Quantity Above 125%	3.75	1548.75	5807.81
39	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	D2	Cum	1	6	0.13	0.1	0.08		
	Head Room								
	D2	Cum	1	6	0.13	0.1	0.08		
	D	Cum	1	6.40	0.13	0.1	0.08		
						Total Executed Quantity	0.24		
						Tender Quantity	0.16		
						Quantity Upto 125%	0.20	99324.01	19864.80
						Quantity Above 125%	0.04	99324.01	3893.50
40	Providing Teak wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	D	Cum	1	7.8	0.15	0.125	0.15		
						Total Executed Quantity	0.15	181498.41	26544.14
						Tender Quantity	0.15		
41	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications and directions of Engineer incharge of work.								
	Second floor								
	D2	Sqm	1	0.9		2.1	1.89		
	D	Sqm	1	0.9		2.3	2.07		
						Total Executed Quantity	3.96		
						Tender Quantity	1.89		
						Quantity Upto 125%	2.36	5362.80	12669.62
						Quantity Above 125%	1.60	5353.73	8552.58
42	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications and directions of Engineer incharge of work. Terrace Floor								
	Terrace Floor								
	D2	Sqm	1	0.9		2.1	1.89		
						Total Executed Quantity	1.89	5362.80	10135.69
						Tender Quantity	1.89		

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE ADDITIONAL WORK, FURNITURE ETC IN WARD NO.05, BYATARAYANAPURA

Modified Estimate

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
43	Providing and fixing in position fully panelled Teak wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	D1	Sqm	1	1.5		2.1	3.15		
						Total Executed Quantity	**3.15**	**8106.56**	**25535.66**
						Tender Quantity	**3.15**		
44	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM). U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame.complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	D3	m	5	5.7			28.50		
						Total Executed Quantity	**28.50**	**519.27**	**14799.20**
						Tender Quantity	**28.50**		
45	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot.complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	D3	Sqm	5	0.75		2.1	7.88		
						Total Executed Quantity	**7.88**	**4317.45**	**33999.92**
						Tender Quantity	**7.88**		
46	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications and directions of Engineer incharge of work.								
	Second Floor								
	D1	Sqm	1	7.8	0.15		1.17		
		Sqm	2	7.8		0.1	1.56		
	D2	Sqm	1	6	0.13		0.78		
		Sqm	2	6		0.1	1.20		
	Head Room								
	D2	Sqm	1	6	0.13		0.78		
		Sqm	2	6		0.1	1.20		

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE ADDITIONAL WORK, FURNITURE ETC IN WARD NO.05, BYATARAYANAPURA

Modified Estimate

Sl. No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
49	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications and directions of Engineer incharge of work.								
Second Floor									
W		Sqm	15	1.5		1.5	33.75		
V		Sqm	4	0.75		0.6	1.80		
Grill									
W		Sqm	15	1.5		1.5	33.75		
V		Sqm	4	0.75		0.6	1.80		
Window		Sqm	9	1.2		1.2	12.96		
Above collapsible steel shutters		Sqm	2	1.45		1.17	3.39		
						Total Executed Quantity	**87.45**	**107.71**	**9419.56**
						Tender Quantity	**89.10**		
50	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and directions of Engineer incharge of work.								
Second Floor									
Landings		Sqm	2	1.6		0.9	2.88		
		Sqm	2	1.55		0.9	2.79		
Waist slab(1st flight)		Sqm	2	2.42		0.9	4.36		
Waist slab(2nd flight)		Sqm	2	1.75		0.9	3.15		
Waist slab(3rd flight)		Sqm	2	2.42		0.9	4.36		
						Total Executed Quantity	**17.53**	**6840.12**	**119920.98**
						Tender Quantity	**20.50**		
51	Fabricating, providing and erecting in position Hot dip galvanized Gate. Using 72x72x4.8 mm Sq. G I Pipe Frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanized sq.rod for verticals at 150mm c/c , as shown in the drawing including providing hot do galvanized forged ornamental design in between rods and heads at top, middle and bottom. Intermediate supports of 75x12mm and 50x6mm arch bent to hot dip galvanized flats.The work is inclusive of throughing GI, Flat GI Sqm. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials Like GI Sq. GI Pipe, GI Forged designs etc., heavy duty hinges are made out of 75mm sold sq. block assembled with 20mm du bearing in three places for each flop. Heavy duty locking arrangement of low places including cost of labour, painting, erection charges using hoist pulley cranes, with all lead and lift, loading, trasportation, unloading, scaffolding charges and all other complete as per specifications and directions of Engineer incharge of work.								
Gate - 1		Sqm	1	3.7		2.39	8.82		
Gate - 2		Sqm	1	1.4		2.32	3.25		
						Total Executed Quantity	**12.07**		
						Tender Quantity	**8.16**		
						Quantity Upto 125%	**10.20**	**13096.29**	**133582.16**
						Quantity Above 125%	**1.87**	**13096.29**	**24522.80**

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